

Chemical Substances Management

Some chemical substances cause environmental pollution and affect human health and the ecosystem as a result of long-term accumulation. To manage these substances, we have established a chemical substances control system to minimize the amount of toxic chemical substances released into air, water and waste.

FY2008 Results

Reduction of Class 1 Chemical Substances Specified by PRTR Law

Under the Kyocera Group Integrated Environmental & Safety Management System, Kyocera manages, and has specified reduction goals for, 18 chemical substances that account for more than 90% of the Class 1 (designated) chemical substances specified by the PRTR Law and used by Kyocera. By substituting alternative substances and implementing process improvements, Kyocera has reduced the amounts of these substances used by 32.9% per net sales (1,698.4), reduced the amounts released by 23.5% per net sales (147.3), and reduced the amount transferred by 13.5% per net sales (129.4) against its reduction targets.

Item	FY 2005 Reference	Reduction Target	FY 2008 Result	Increase/Decrease
Used amount per net sales (g/million yen)	2,529.3	12%	1,698.4	32.9% reduction
Released amount per net sales (g/million yen)	192.4	27%	147.3	23.5% reduction
Transferred amount per net sales (g/million yen)	149.7	13%	129.4	13.5% reduction

Supporting the PRTR Law

The handled, released and transferred amounts of chemical substances subject to the PRTR Law, as reported in the Kyocera Group Integrated Environmental & Safety Management System in FY2008, were reduced as shown in the table below, through substituting alternative substances and other measures.

Item	FY 2005 Result	FY 2008 Result	Increase/Decrease
Utilized amount (Ton)	6,203.4	5,151.6	1,051.8 tons reduced
Released amount (Ton)	198.5	166.8	31.7 tons reduced
Transferred amount (Ton)	257.8	196.5	61.3 tons reduced

Management and Disposal of PCB Waste

PCB (polychlorinated biphenyl) waste is strictly controlled and managed at specified locations with control sheets prepared in accordance with the relevant law through the Kyocera Group Integrated Environmental & Safety Management System. Kyocera was an early registrant for disposal of these wastes with the Japan Environmental Safety Corporation.



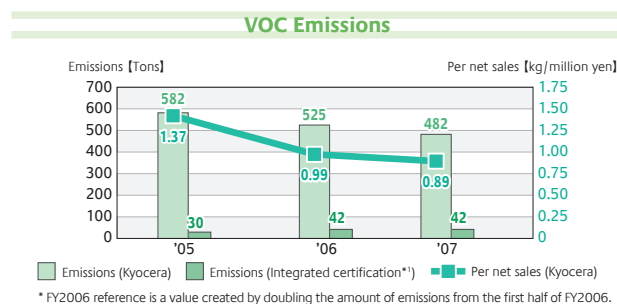
PCB storage box (Shiga Gamo Plant)

Reducing Volatile Organic Compound (VOC) Emissions

Emissions of volatile organic compounds (VOC) are now strictly controlled by a law enacted in 2004. The Central Environment Council of the Ministry of the Environment also established a policy to reduce VOC emissions into the air by 30% (compared with FY 2001) in FY 2011.

Considering these circumstances, Kyocera has targeted reduction of the four substances (toluene, IPA, acetone and methanol) that comprise more than 90% of VOC used by Kyocera, by 50% in FY2016 (compared with the first half of FY2006) based on the Kyocera Group Integrated Environmental & Safety Management System.

In FY2008, Kyocera achieved a reduction of 17.6% (emission of 524.5 tons) against the FY2006 emission reduction target of 30% (emission of 636.7 tons) as a result of improved use efficiency, improved solvent collection equipment and other measures.



Example of Reduced VOC Emissions

<Reduction by recycling toluene (Kagoshima Kokubu Plant)>

Toluene used for cleaning ball mills and pipes when changing the material was recycled and used as dummy tape for jig setting and positioning. This resulted in an annual reduction of about 16.6 tons of VOC emission into the air.



Collection equipment

<Reduction of IPA by changing the cleaning method (Shiga Gamo Plant)>

IPA used to be used for cleaning ceramic packages. We reviewed the cleaning method and replaced the IPA with pure water. This resulted in an annual reduction of about 2.0 tons of VOC emission into the air.

Notes *1 Integrated certification: Sites certified under the Kyocera Group Integrated Environment & Safety Management System except KYOCERA Corporation (Ref. to Page 83)

Site information Please refer to environmental impact data for individual sites on our web page (<http://global.kyocera.com/ecology/>).